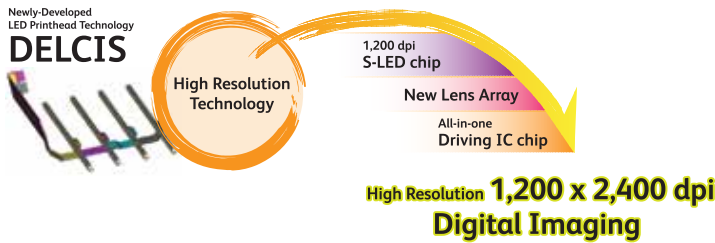# Technology for economy and ecology

With Fuji Xerox technologies, brilliant prints do not come at the expense of your budget or the planet. Cost- and energy-saving features ensure you get maximum results with minimal monetary outlay and environmental impact.
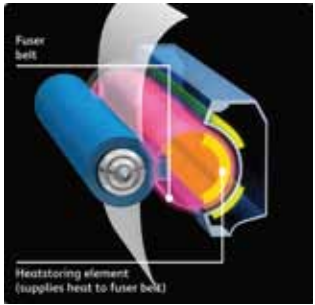
• S-LED and DELCIS

Fuji Xerox's S-LED and 'DELCIS' (Digitally Enhanced Light Control Imaging System) technology not only provide an outstanding output of 1,200 x 2,400 dpi, they also make it possible to build devices that are more reliable, compact and consume less power.

Newly-Developed LED Printhead Technology
DELCIS

High Resolution Technology

1,200 dpi
S-LED chip
New Lens Array
All-in-one
Driving IC chip

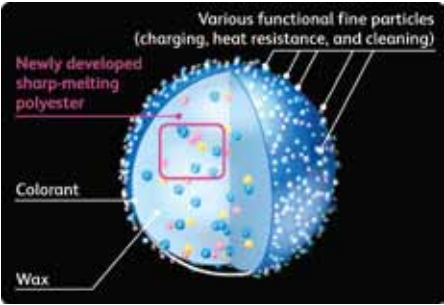**High Resolution 1,200 x 2,400 dpi
Digital Imaging**

• IH Fuser

The newly developed Induction Heating Fuser incorporates a thin, non-magnetic metal which serves as a heating layer inside the fuser belt, enabling greater energy efficiency. With this new technology, the fusing unit does not require pre-heating and doesn't consume power when the machine is in standby mode.

Fuser belt

Heatstarting element (supplies heat to fuser belt)

• EA Eco-toner

Fuji Xerox's EA Eco-toner contains sharp-melting polyester which achieves photo-quality gloss output on a wide variety of paper types. Fusing temperature is more than 20°C lower than that of conventional toners, contributing to reduced power consumption.

Various functional fine particles (charging, heat resistance, and cleaning)

Newly developed sharp-melting polyester

Colorant

Wax

The printer that grows with you

To meet the growing needs of your business, the DocuPrint C5005d is specifically designed for scalability. As your business expands and printing requirements become more sophisticated, you can easily add functionality- and productivity-enhancing options.

1 Tandem Tray Module
(500 + 860 + 1,125 sheets)
Paper weight up to 256gsm

2 3 Tray Module
(500 + 500 + 500 sheets)
Paper weight up to 256gsm

3 HCF B1 (2,030 sheets)
Paper weight up to 216gsm

4 Finisher-B1*

5 Booklet Maker Unit
for Finisher-B1*

6 Finisher-C1 with
Booklet Maker*

Finishing Options

- Sort, stack and collate
- Multiposition Stapling
- Hole-Punching
- Fold and saddle-stitch booklets

*Requires HDD Extension Kit   **Requires Hole Punch Kit Option

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Specifications of DocuPrint C5005d

Print Function

Print Function	
Print Speed (A4)	Up to 55 ppm for BW and 50 ppm for colour
Print Speed (A3)	Up to 27 ppm for BW and 25 ppm for colour
Print Resolution	1,200 x 2,400 dpi
	1,200 x 1,200 dpi
FPOT	As fast as 3.5 sec
Warm-up Time	Less than 10 sec (from Low Power Mode)
	Less than 28 sec (from Power On)
Memory (Std / Max)	1 GB / 2 GB
Processor	New ASIC 933MHz CPU
PDL	PCL, Adobe Postscript 3, XPS, PDF
Duty Cycle (Max)	250,000 Print
Connectivity (Std)	10Base-T/100Base-TX, USB2.0
Connectivity (Opt)	Gigabit Ethernet, Parallel Port (IEEE 1284-B)
Supported OS	Microsoft Windows 2000, Microsoft Windows XP,
	Microsoft Windows Vista, Microsoft Windows 7,
	Microsoft Windows Vista x 64, Microsoft Windows 7 x 64,
	Microsoft Windows Server 2003, Microsoft Windows Server
	2003 x 64, Microsoft Windows Server 2008,
	Microsoft Windows Server 2008 x 64, Mac 9.2.2,
	Mac OSX 10.3.9 – 10.4.11 (excluding 10.4.7), 10.5/10.6
Input Paper Size (IOT 1 Tray)	Min: A5 or 139.7 x 182 mm
	Max: A3S or 297 x 431.8 mm
Input Paper Size (Bypass Tray)	Min: PostCard size or 88.9 x 98.4 mm
	Max: SRA3S, 12 x 19S or 320 x 1219 mm
Input Paper Type	Bond, Plain, Recycled, Transparency, Punched, Labels,
	Gloss, Letterhead, Pre-Printed, Heavy Weight
Input Paper Weight (IOT 1 Tray)	60 – 256 gsm
Input Paper Weight (Bypass Tray)	55 – 280 gsm
Media Input Capacity	Standard:
	590 sheets: 500 sheets (1 Tray) + Bypass (90 sheets)
	Optional:
	(1) 5,105 sheets: Standard (590 sheets) + Tandem Tray
	(500 + 860 + 1,125sheets) + HCF B1 (2,030 sheets)
	(2) 4,120 sheets: Standard (590 sheets) + 3 Tray Module
	(1,500 sheets) + HCF B1 (2,030 sheets)
	(3) 2,090 sheets: Standard (590 sheets) + 3 Tray Module
	(1,500 sheets)
Media Output Capacity	Standard: 500 sheets
	(Exit 2 Tray 250 sheets + Lower Centre Tray 250 sheets)
Dimensions (W x D x H)	640 x 699 x 600 (mm)
Weight	81.6 kg
Power Support	Max: 2.2KVA (220V)
Power Consumption	(AC 220-240V) During Sleep Mode: 2W or less
	During Standby: 75W During Continuous Printing: 900W
Noise Levels	Low Power Mode: 4.3dB (Main Unit) 4.3dB (Full System)
	Max: 54.5dB (Main Unit) 60dB (Full System)
Warranty	1 year on-site

Consumables

Consumables	
Toner Cartridge Black (up to 26,000 pages+)	CT201664
Toner Cartridge Cyan (up to 25,000 pages+)	CT201665
Toner Cartridge Magenta (up to 25,000 pages+)	CT201666
Toner Cartridge Yellow (up to 25,000 pages+)	CT201667
Drum Cartridge (up to 70,000 pages++)	CT350894
Waste Toner Bottle (up to 25,000 pages+)	CWAA0742
Stable Cartridge for finisher C1 with Booklet Maker (3pcs)	CWAA0540
Stable Cartridge for finisher C1 with Booklet Maker (4pcs)	CWAA0501
Stable Cartridge for finisher B1 Booklet (4pcs)	CWAA0728

Periodic Replacement Items

Periodic Replacement Items	
Fuser Unit (220V)	EC101791
Maintenance Unit (160K) (Contains IBT Cleaner, Suction Filter, Odor Filter)	EC101788
Maintenance Unit (200K) (Contains 2nd BTR Unit, Paper Feed Rollers)	EC101789

Options

Options	
1 Tray Module	EC101785
Finisher-B1	EC101542
Finisher B1 Cover Support Chain	EC101784
Finisher-C1 with Booklet Maker	EC101544
3 Tray Module	EC101798
Tandem Tray Module	EC101799
Extension System Memory 512 MB	EC101475
Extension System Memory 1 GB	EC101476
HDD Extension Kit	EC101541
HCF (High Capacity Feeder) B1	QC100065
Parallel Port Kit (IEEE 1284-B)	EC101516
Gigabit Ethernet Board Kit	EC101517

- Finisher, PostScript, Private print, Secure print, Sample print, Delayed print, IC Card Reader requires HDD Extension kit.
- Parallel Port kit and Gigabit Ethernet Board Kit cannot be installed together.
- Not available for 10 Base-T/100 Base-TX connector when installing a Gigabite Ethernet Board Kit.

* Declared yield in accordance with ISO/IEC 19798. Yield may vary depending on image, area, coverage and print mode (job length, media size, media type and orientation). Printer is shipped with one set of starter toner cartridges with an average yield of about 26,000 pages for Black and 15,000 pages each for Cyan, Magenta and Yellow.
** Average standard pages. Yield will vary depending on job run length, media size and orientation.

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DocuPrint
C5005d

FUJI XEROX

DocuPrint C5005d Colour S-LED Printer

Power. Speed. Productivity. The Formula for Success.

Dazzling Speed.
Outstanding Quality.

Introducing the DocuPrint C5005d, an advanced S-LED (Self-Scanning Light Emitting Diode) printer that delivers outstanding print quality with unmatched reliability – precisely what your business needs to maintain a competitive edge in today's fast-paced market environment. With a wide range of input and output options, the DocuPrint C5005d can be easily customised to meet your specific business requirements. Best of all, the DocuPrint C5005d is competitively priced. Combined with a low total cost of ownership, the DocuPrint C5005d allows you to create documents without impacting that all-important bottom line.

Powerful features for any print job

Outstanding performance
- High resolution of up to 1,200 x 2,400 dpi
- Up to 55 / 50 ppm for mono / colour output
- First printout time is as fast as 3.5 seconds
- Versatile media type range of 55 to 280 gsm
- Large paper input capacity of up to 5,105 sheets

State-of-the-art security standards
- Network-transmitted data is guarded by both Ipsec and SSL, which encrypt document content. SNMPv3 securely transfers information to users and IEEE 8.02.1x authenticates network devices before allowing document access.

- Secure Print* helps prevent unauthorised viewers from gaining access to documents by holding jobs at the printer until the user enters a PIN, eliminating paper wastage and securing confidential information.

*Requires HDD Extension Kit

Convenience
- Automatic emails notify administrators in real-time when toner levels are low and on matters requiring action.

- Receives and prints attachments sent via email from any connected device.

- 1 GB on-board memory makes printing complex jobs easier and more efficient.

- Available options allow for additional functionalities like stapling, storing, hole-punching and booklet-making.

- **IPv6** provides enhanced security and ease of management over traditional IPv4.

- **Run Black function** enables the DocuPrint C5005d to continue printing your documents in black when colour toners run out.

- **Fuji Xerox Auditron** enables the setting of specific print usage settings for different registered users, making print management easier.

STORE

Document is printed after authentication at control panel.
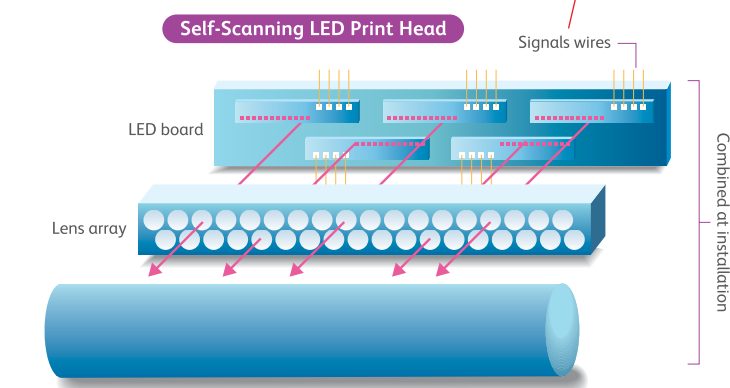
Fuji Xerox's Secure Print Feature

Fuji Xerox Self-Scanning LED printing

Fuji Xerox's award-winning S-LED (Self-Scanning Light Emitting Diode) utilises a print head that creates an image on the print drum using LEDs as the light source. The light from the LEDs are directed through a lens array which forms the image document on the drum.

(i) 1,200 dpi Self-Scanning LED chips with ASIC Driver
High quality printing with 14,592 LEDs while the ASIC Driver allows precise control of these LED chips.

Self-Scanning LED Print Head

Signals wires

LED board

Lens array

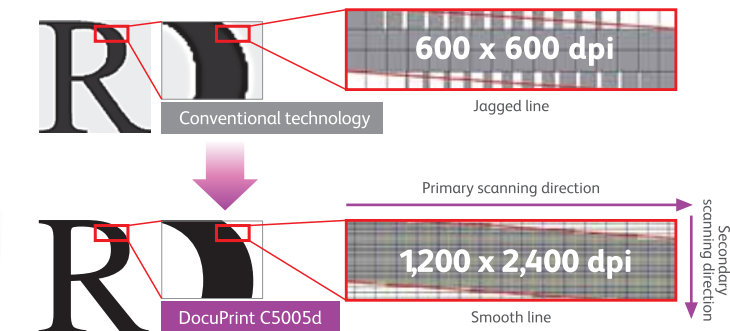Combined at installation

(ii) Newly designed lens
The optically precise lenses produce highly accurate images on the drum.

(iii) Image Registration Control Technology (IRecT)
IRecT is a digital Image Registration Control Technology that makes it possible to correct images in ultra high-precision of up to 2,400 dpi. IRecT corrects image misalignment digitally, not mechanically, enabling ultra high-precision print images without any colour or image mis-registration.
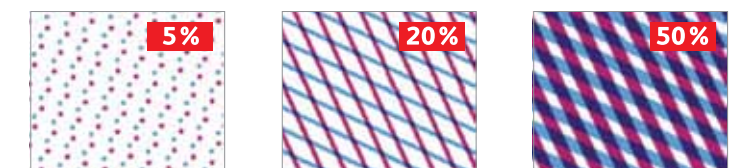
(iv) Image enhancement processing
Images are scanned in two directions (rather than one) on a finer matrix than with conventional technology. This produces smoother lines, especially those at slight angles, for razor-sharp text and graphics.

600 x 600 dpi

Conventional technology

Jagged line

Primary scanning direction

1,200 x 2,400 dpi

DocuPrint C5005d

Smooth line

Secondary scanning direction

(v) MACS (Micro Accurate Control Screen) digital screening
MACS uses Fuji Xerox HQ digital screen technology which controls pixel production based on image density. This results in smooth gradation and excellent highlight reproduction.

50 %
20 %
5 %

5 %   20 %   50 %

The screen patterns shown are simulations only.